

Policy & Procedure (P&P)

Policy Title :

Calibration of Collected Blood Volume Regulators

Department	Index No.	Scope
Laboratory & Blood Bank	LAB-087	BLOOD BANK STAFF
Issue Date	Revision NO	Effective Date
1432/6/5	4	1441/7/20
Review Due Date	Related Standard NO.	Page Number#
1443/7/23	CBAHI (LB-38)	2

01. Policy:

01.1. The blood bank develops a system for the calibration of collected blood volume regulators.

02. Definition :

02.1. blood volume regulators: **blood shakers**

03. Purpose :

03.1. To ensure accuracy of the blood shakers and to ensure that calibration and adjustment are performed at regular intervals

04. Procedure :

04.1. Material

04.1.1. Standard weight (mass) : 500g.

04.1.2. Blood shakers : Hemomix 3®

04.2. Indication:

04.2.1. Before initial use

04.2.2. At every day of use

04.2.3. After activities that may alter the calibration : repairs or adjustments

04.3. Method

The blood bank technician in the collection area follows the manufacturer's instructions to perform the calibration and the adjustment procedures

To perform the calibration, the blood bank technician will:

04.3.1. Access the Technical menu :

04.3.1.1. once the device is switched off, press and hold the Mode key and in the same time press and hold ON/OFF key

04.3.1.2. then release the ON/OFF key and keep on pressing Mode key

- 04.3.1.3. Calibrate load cell will appear on the screen
04.3.1.4. Follow the instructions step by step on the wizard.
04.3.1.5. Place the correct calibration weight (mass) of 500 g on the scale.
04.3.1.6. The blood shaker is now calibrated and ready for use.

04.3.2. Verify the calibration by placing weight (mass) of 500 g on the scale in the middle and in the 4 corners . The display should show the correct calibration weight (mass) of 500 g.

05. Responsibilities :

- 05.1. All Laboratory and Blood Bank Staff of Al-Qunfudah General Hospital

06. Equipment & Forms

Daily check list for blood shakers.



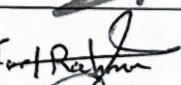


07. Attachment :

N/A

08. Reference

- 08.1. Blood shaker Hemomix 3 manual

Preparation , Reviewing & Approval Box

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